IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) A method for drawing an optical fiber from an optical-fiber preform, the method comprising:

a step of heating one end of the optical-fiber preform for melting and drawing the end of the optical-fiber preform;

a first spin-forming step, ~~located at the fabrication stage of the drawing process~~ for applying a first predetermined spin to the optical-fiber drawn from the optical fiber preform via a first wheel in a first predetermined direction that is perpendicular to a direction in which the optical-fiber preform is drawn, so that a central axis of the optical-fiber preform coincides with a tilt axis of the first wheel inclined at a predetermined initial angle θ_i wherein the optical fiber is twisted in a clockwise or counter clockwise direction perpendicular to the direction of the optical-fiber preform and;

a second spin-forming step~~, located at the fabrication stage of the drawing process~~ for applying a second predetermined spin to the optical-fiber via a second wheel in a second predetermined direction according to a predefined spin function wherein the second wheel swings between a vertical inclination angle θ_{s1} and a vertical angle θ_{s2} with reference to the optical-fiber-drawing axis so disposed as to provide a second twist,

wherein the first spin-forming step is applied to the optical fiber to minimize a primary polarization-mode dispersion depending on distance and the second spin-forming step is applied to the optical fiber to minimize a secondary polarization-mode dispersion depending on wavelength.

2. (Previously Amended) The method as claimed in claim 1, wherein the first and second twists have different numbers of turns in the first and second spin-forming steps.

3. (Previously Amended) The method as claimed in claim 1, wherein the optical-fiber preform is subjected to the first and second spin-forming steps according to the following equation:

$$S(z) = \alpha_0 Sin(2\pi f_0) + n\alpha,$$

where $S(z)$ represents a spin function, α_0 represents a spin amplitude in turns/meter, f_0 represents the center frequency, and α represents the spin rate in turns/meter and n represents the number of twists.

4. (Original) The method as claimed in claim 3, wherein the first spin-forming step is performed according to the term defined by: $n\alpha$ of the $S(z)$ equation.

5. (Original) The method as claimed in claim 3, wherein the second spin-forming step is performed according to the term defined by: $\alpha_0 Sin(2\pi f_0)$ of the $S(z)$ equation.